

AMENDMENTS TO THE CLAIMS

Please amend claims 1, 13, 15, 16, 17, 18, 19 and 25. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended) An electrode assembly that is attached to a probe used to apply a current to a cornea, comprising:

a body that has an inner channel and a mechanical stop said body is adapted to be inserted into the probe;

a stop that is inserted into said inner channel of said body and is in contact with said mechanical stop, ~~said body is adapted to be inserted into the probe;~~ and,

a tip that is attached to said stop and extends from said stop such that said stop limits an insertion depth of said tip into the cornea.

Claim 2 (original) The assembly of claim 1, wherein said stop is constructed from a dielectric material.

Claim 3 (canceled)

Claim 4 (previously presented) The assembly of claim 1, wherein said tip is welded to said body.

Claim 5 (canceled)

Claim 6 (original) The assembly of claim 1, wherein said body includes an anti-rotation feature.

Claim 7 (previously presented) An electrode assembly that is attached to a probe used to apply current to a cornea, comprising:

a body that has a mechanical stop, said body is adapted to be inserted into the probe;

a tip that is coupled to said body;

stop means for limiting an insertion depth of said tip into the cornea, said stop means being in contact with said mechanical stop.

Claim 8 (original) The assembly of claim 7, wherein said stop means is constructed from a dielectric material.

Claim 9 (canceled)

Claim 10 (previously presented) The assembly of claim 7, wherein said tip is welded to said body.

Claim 11 (canceled)

Claim 12 (original) The assembly of claim 7, wherein said body includes an anti-rotation feature.

Claim 13 (currently amended) A method for assembling an electrode assembly that is used to apply a current to a cornea, comprising:

attaching a stop to a tip; the tip extends from the stop such that the stop limits an insertion depth of the tip into the cornea;

pressing the stop into an inner channel of a body; and,

inserting the body into a probe.

Claim 14 (canceled)

Claim 15 (currently amended) The method of claim 13, further comprising welding
~~wherein the tip is welded~~ to the body.

Claim 16 (currently amended) The method of claim 13, further comprising bonding
~~wherein the stop is bonded~~ to the tip.

Claim 17 (currently amended) The method of claim 13, further comprising stopping the
stop with ~~wherein the pressing of the stop is stopped by~~ a mechanical stop of the body.

Claim 18 (currently amended) The method of claim 13, further comprising inserting
~~wherein the body is inserted~~ into a handpiece.

Claim 19 (currently amended) An electrode assembly that is attached to a probe used to
apply a current to a cornea, comprising:

a body that has an inner channel and a mechanical stop, said body is adapted to be
inserted into the probe;

a stop that is inserted into said inner channel of said body; and,

a tip that is attached to said stop and welded to said body and extends from said stop such that said stop limits an insertion depth of said tip into the cornea.

Claim 20 (previously presented) The assembly of claim 19, wherein said stop is constructed from a dielectric material.

Claim 21 (previously presented) The assembly of claim 19, wherein said body includes an anti-rotation feature.

Claim 22 (previously presented) An electrode assembly that is attached to a probe used to apply current to a cornea, comprising:

a body that has an inner channel and a mechanical stop, said body is adapted to be inserted into the probe;

a tip that is welded to said body;

stop means for limiting an insertion depth of said tip into the cornea.

Claim 23 (previously presented) The assembly of claim 22, wherein said stop means is constructed from a dielectric material.

Claim 24 (previously presented) The assembly of claim 22, wherein said body includes an anti-rotation feature.

Claim 25 (currently amended) An electrode assembly that is attached to a probe used to apply a current to a cornea, comprising:

a body that has an inner channel and an anti-rotation feature, said body is adapted to be inserted into the probe;

a stop that is inserted into said inner channel of said body; and,

a tip that is attached to said stop and extends from said stop such that said stop limits an insertion depth of said tip into the cornea.

Claim 26 (previously presented) The assembly of claim 25, wherein said stop is constructed from a dielectric material.

Claim 27 (previously presented) An electrode assembly that is attached to a probe used to apply current to a cornea, comprising:

a body that has an anti-rotation feature, said body is adapted to be inserted into the probe;

a tip that is coupled to said body;

stop means for limiting an insertion depth of said tip into the cornea.

Claim 28 (previously presented) The assembly of claim 27, wherein said stop means is constructed from a dielectric material.